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NEW LITERATURE.

BY W. A. KELLERMAN.

"A NEW LARVAL ENTOMOPHTHORA," by J. C. Arthur, Botanical Gazette, January, 1886. The author found the clover-leaf weevil, *Phytonomus punctatus*, Fabr., a comparatively new insect in this country, infesting the clover in the region near Geneva, N. Y. The larvæ were dying in vast numbers, and, upon examination, the cause was discovered in the shape of a new species of Fungus, described as follows:

ENTOMOPHTHERA PHYTONOMI, Arthur.—Mycelium abundant, branched, non-septate, colorless, 9—12 μ in diameter, on the ventral surface of the insect, growing out in form of rhizoids to act as holdfasts; hymenium over the whole surface, except the head, 35—45 μ deep; conidiophores branched at the base, as thick as the mycelium; spores oblong, colorless, 24—28 μ long by 7—10 μ thick. Resting spores not seen. In the larvæ of *Phytonomus punctatus*, Fabr., Geneva, N. Y., May to June and October to November, 1885.

"UN GENRE DE TROP (PHLEBOPHORA, LEV.) DANS LA DIVISION DES HYMENOMYCETES." C. Roumeguere. Revue Mycologique, 1er Janvier, 1886.

"FUNGI ALGERIENSES,—A CLARO PROF. L. TRABUT LECTI." Auctoribus P. A. Saccardo et A. N. Berlese.

"UNE SEMAINE D'EXCURSIONS MYCOLOGIQUES A SENLIS (OISE)." Par le capitaine Fredric Sarrazin. 1. c.

"DR. REHM: ASCOMYCETEN FASC. XVII." Hedwigia, November und December, 1885.

"AGARICUS CIRRHATUS, PERS., ENI NEUER PHOSPHORESCIRENDER PILZ." Vorlaufige Mittheilung von Dr. F. Ludwig. 1. c.

"RABENHORSTII FUNGI EUROPÆI ET EXTRAEUROPÆI CURA." DR. G. WINTER; CENTURIA XXXIII ET XXXIV. 1. c.

"SOPRA UNA SPECIE DI LOPHIOSTOMA MAL CONOSCIUTA." Nota di A. N. Berlese. Nuovo Giornale Botanico Italiano. 4 Gennaio, 1886.

"ALCUNE OSSERVAZIONI SOPRA UNA NUOVO MALATTIA DEL FRUMENTO;" del Dott. Fausto Morini. 1. c.

"ENUMERAZIONE DEI FUNGHI DELLE PROVINCE DI MODENA E DI REGGIO, PER A. MORI. 1. c.

"REPORT OF THE BOTANIST TO THE NEW YORK AGRICULTURAL EXPERIMENT STATION." By J. C. Arthur. Extr. from Fourth An. Rep. N. Y. Expt. Sta., for 1885. Distributed Jan. 30th, 1886.

This report of twenty-four pages contains the following articles: Pear Blight, *Micrococcus amylovorus*, B.; Spotting of Quince Fruit, *Morthiera Mespili*, Fckl., var. *Cydoniæ*, C. & E. (illustrated); Rotting of Tomatoes, Lettuce Rust, *Septoria Lactuæ*, Pass. (illustrated); Lettuce Mildew, *Peronospora gangliiformis*, De B. (illustrated); Rotting of Cherries and Plums, *Oidium fructigenum*, S. & K. (illustrated); Disease of Clover-leaf Weevil, *Entomophthora Phytonomi*, Arthur (illustrated); and Weeds and their Fungus Parasites.